

Memorial University of Newfoundland
Department of Geography - Course Offerings - Winter 2012

Course	CRN#	Instructor	Slot	Location
1050 - Intro Principles & Practice of Geography focuses on five areas in geography which continue through courses in other years of the geography program: physical, cultural, economic, resources, and geographic information sciences. The lectures are linked to assignments, which provide both experience in the application of Geographical skills and develop insight into the presence of geography at both the local and global scales.	66528 (Sec 001) 67562 (Sec 002)	D. Bavington K. Butler	03 05	AA1043 AA1043
2001 - Cultural Geography is an introduction to the study of culture in geography, emphasizing both the history of the field from classic studies of landscapes to contemporary scholarship and themes of recent importance. These include the relationship between nature and culture: imperialism and colonialism; place, identity, and power; and global cultures of commodities, media, and tourism (prerequisites: Geography 1050, or 1011 or 1001).	60592 (Sec 001)	S. Despres	13	SN2101
2102 - Physical Geography: the Global Perspective is a study of form, process, and change in natural systems at and near the surface of Earth, viewed as human environment. Emphasis is on global and regional scales in the systematic study of climate, water, landforms and vegetation. Three hours of lecture and three hours of laboratory per week (prerequisite 1050 or 1011 or 1001).	66531 (Sec 001) 67565 (Sec 002)	K. Butler	3 & (62 lab) 3 & (44 lab)	CP3033 & SN2025 CP3033 & SN2000
2195 - Intro to Geographic Information Sciences is an introduction to the fields of cartography, remote sensing, and geographic information systems (GIS). Geographic information collection, representation and analysis methods are the topics for the course. An emphasis is given to applications of maps and satellite images (prerequisites 1050 or 1011 or 1001).	65822 (Sec 001)	H. Ward	18	SN2018
2302 - Issues in Economic Geography covers basic issues and ideas in economic geography. The development of a regional economy will be related to underlying economic, cultural and physical factors (prerequisite: Geog 1050, or 1011, or 1001).	65184 (Sec 001)	K. Vodden	20	SN2101
2425 - Natural Resources is an introduction to the concepts of natural resources, environment and conservation: the nature and distribution of natural resources; methods of use, allocation and development of natural resources and the role of various physical, social, economic, political and technological factors influencing decision-making about resources (prerequisite: Geog 1050 or 1011 1001).	67866 (Sec 001)	A. Bath	05	SN2067
3120 - Climatology is a study of the relationships between geomorphic processes and landforms. Practical work will involve collection of data and samples in the field and analytical laboratory techniques. (prerequisite: GEOG 2102; MATH 1000).	77017 (Sec 001)	J. Finnis	17 (64 lab)	SN2018 & SN2025
3222 - Research Design and Quantitative Methods is an introduction to principles of research design, and to the use of quantitative techniques. This course provides students with a basic understanding of data collection, entry, and analysis and presentation skills most commonly used by geographers. Practical, computer-based exercises are an essential part of the course.	68605 (Sec 001) 69881 (Sec 002)	C. Sharpe	11 (62 lab) 11 (45 lab)	SN2018 & SN2011 SN2018 & SN2011
3425 Geographical Analysis of Resources is the geographic study of contemporary North American issues in resources and their management. Emphasis will be placed on air and water quality issues, lands and forest resources, energy resources, and coastal zone resources. A number of substantive areas in resource analysis will be considered, including resource appraisal, landscape evaluation, and environmental impact assessment.	67867 (Sec 001)	A. Bath	14	SN2018
3510 Geography of the Seas is an introductory course in marine science and management training the world's oceans as a geographic unit. The course covers basic physical, geological and biological marine science and applications of basic science to management issues facing the oceans today. Prerequisites: GEOG 2001, 2425 or permission of instructor.	77019 (Sec 001)	E. Edinger	13	SN2018
3701 Urban Geography is an examination of the evolution, structure and dynamics of cities and urban systems. Prerequisite: GEOG 2302.	77021 (Sec 001)	C. Sharpe	05	SN2018
**3905 Geography of the Arctic is a special topics course examining the human and physical geography of the Arctic, with an emphasis on Canada. The course will address the growing interest in northern, environmental and regional topics, and emphasize the integration and application of geographical concepts learned at the second-year level. Prerequisite: Successful completion of at least 6 credit hours in Geography at the 2000 level; or by permission of the instructor.	77345 (Sec 001)	T. Bell & A. Keeling	18	SN2025
4120 Applied Climatology is an analysis of the impact of climatic environments and meteorological conditions upon agriculture, forestry, the hydro industry and the marine sector. Climatological considerations in the planning and design of urban areas and buildings. Three hours of lecture and three hours of laboratory per week. Prerequisite: GEOG 3120	77023 (Sec 001)	J. Finnis	05 (63 lab)	SN2025 & SN2025
4261 Advanced Methods in GIS explores the nature and use of advanced GIS algorithms, discrete and continuous data structures, computational methods and analysis of error for the purpose of analysing and modelling spatial patterns and processes. Laboratory exercises permit students to use GIS software to explore as well as develop problem solving and modelling skills for a wide variety of real world applications.	69887 (Sec 001)	A. Simms	10 (61 lab)	SN2011 & SN2011

4290 - Geographic Information Sciences Practicum is practical experience with the geographic information sciences fields of cartography, remote sensing or geographical information systems. Students will serve as interns in governmental, institutional or private agencies, or in non-profit organizations. Six hours per week or a total of 72 hours of research or laboratory work. Prerequisites/Co-requisites: Geog 4202, 4250, 4261, and to be enrolled in the Diploma in Geographic Information Sciences.	69892(Sec 001)	TBD	99	TBD
4320 Regional Development Seminar is focused on understanding the region and regional development in theoretical terms and in a policy context. The central question of the course is: how do we understand the region and regional development in a globalising world? What are the policy options for people interested in making regional development work in a global economy? The case studies will cover both the developing and the developed world.	72564 (Sec 001)	C. Mather	62	SN2000
*4650 Conservation in Biology and Geography (same as Biology 4650) is an examination of how biological and geographical principles can be applied to conserving biological diversity in the natural world under conditions of exploitation and habitat loss. Special emphasis will be given to relevant provincial examples. Three hours of lecture per week and 3 hours of seminar/discussion group per week. Prerequisites: 30 credit hours in either Biology or Geography and permission of the course co-ordinator. <i>Note: Credit may not be obtained for both GEOG 4650 and Biology 4650.</i> <i>C-List with Bio</i>	66406 (Sec 001)	E. Edinger & L. Hermanutz	18 (62 lab)	ED4015 & SN3001
**4915 Indigenous Peoples and the Politics of Place and Time is a special topics course covering a central topic of cultural geography is proposed. The course will address a need for core courses for the Aboriginal Studies minor, for upper level credits in cultural geography, and will serve any students interested in the contemporary situation of Indigenous peoples. The course will have both a global and a regional (Northern Canada) focus. Prerequisites/Co-requisites:1050 - Intro Principles & Practice of Geography and 2001 - Cultural Geography; Aboriginal Studies Minor must have completed all previous minor's requirements; other students can take the course with Instructor's Permission.	77798 (Sec 001)	M. Blaser	42	IIC2006
4919 - Integrative Practicum in Geographic Information Sciences is an applied or research project integrating aspects of cartography, geographical information systems and remote sensing. Students will have access to the GISciences Research Laboratory to complete their project. This is the capstone course for the students registered in the Geographic Information Sciences diploma program. It will involve the knowledge and experiences acquired over the years in the program. Six hours per week or a total of 72 hours of individual research or laboratory work. Prerequisites/Co-requisites: Geog 1050 or 1011 or 1001 & Geog 4202 & 4250 & 4261 and to be enrolled in the Diploma in Geographic Information Sciences.	69894 (Sec 001)	Dept.	99	
4999 - Dissertation Honours Degree is required of the Honours degree. (Prerequisites: 1001 or 1050 and 4990).	60611 (Sec 001)	Dept.	99	

On leave: R. Devillers & É. Simms
*4650 – cross-listed with Biology 4650
**** New Course**

C. Tetford, September 27, 2011